HEAD & NECK

Journal for the Sciences and Specialties of the Head and Neck

CONTENTS VOLUME 20, 1998

JANUARY 1998

1 **Impact of Comorbidity on Outcome of Young Patients with Head and Neck Squamous Cell Carcinoma**
Bhuvanesh Singh, MD, Mahesh Bhaya, MD, Marc Zimbler, MD, Jordan Stern, MD, J. Thomas Roland, MD, Richard M. Rosenfeld, MD, Gady Har-El, MD, and Frank E. Lucente, MD

8 **Molecular Assessment of p53 Abnormalities at the Invasive Front of Oral Squamous Cell Carcinomas**
Jòzsef Piffkò, MD, Àgnes Bànkfalvi, MD, Kàlmàn Tory, MD, Làszlò Füzesi, MD, Magne Bryne, DDS, Dietmar Öfner, MD, Fabian Kusch, Ulrich Joos, MD, and Kurt W. Schmid, MD

16 **Quantitative Analysis of the Extent of Extracapsular Invasion and Its Prognostic Significance: A Prospective Study of 170 Cases of Carcinoma of the Larynx and Hypopharynx**
Marcos Brasilino de Carvalho, MD

22 **Pharyngocutaneous Fistula Following Laryngectomy**
Levent Soylu, MD, Mete Kıroğlu, MD, Barlas Aydoğan, MD, Fikret Çetik, MD, Fikret Kıroğlu, MD, Çağatay Akçalı, MD, and Can Özşahinoğlu, MD

26 **Patterns of Failure in Differentiated Carcinoma of the Thyroid Based on Risk Groups**
Ashok R. Shaha, MD, Jatin P. Shah, MD, and Thom R. Loree, MD

31 **Acute and Chronic Changes in Swallowing and Quality of Life Following Intraarterial Chemoradiation for Organ Preservation in Patients with Advanced Head and Neck Cancer**
Thomas Murry, PhD, Ram Madasu, MD, Amy Martin, and K. Thomas Robbins, MD

38 **Functional Dental Rehabilitation of Massive Palatomaxillary Defects: Cases Requiring Free Tissue Transfer and Osseointegrated Implants**
Gerry F. Funk, MD, Michael R. Arcuri, DDS, and John L. Frodel, Jr, MD

52 **Light Digital Occlusion of the Tracheostomy Tube: A Pilot Study of Effects on Aspiration and Biomechanics of the Swallow**
Jeri A. Logemann, PhD, Barbara Roa Pauloski, PhD, and Laura Colangelo, MS

58 **Parotid Gland Dysfunction in a Murine Model of Acute Graft Versus Host Disease [aGVHD]**
Rafael M. Nagler, DMD, MSc, PhD, Dov Laufer, DMD, and Arnon Nagler, MD, MSc

63 **Plunging Ranula: Clinical Observations**
Michael J. Davison, FRACS, Randall P. Morton, FRACS, and Nicholas P. McIvor, FRACS, FRCS(Ed)

CONTROVERSY

69 **Hemangioma**
Vito Forte, MD, Jean Michel Triglia, MD, and Gorge Zalzal, MD

CASE REPORTS

73 **Localized Amyloidosis of the Parotid Gland: A Case Report and Review of the Localized Amyloidosis of the Head and Neck**
Velauthapillai Nandapalan, FRCS, Terence M. Jones, BSc, MBBS, Pradeep Morar, FRCS, Alister H. Clark, FRCPath, and Andrew S. Jones, MD, FRCS

79 **Combined Cervical and Intraoral Approach to Lingual Thyroid: A Case Report**
Jeffrey L. Zitsman, MD, Vinod R. Lala, MD, and Prakashchandra M. Rao, MD

83 **Clinical and Molecular Pathology of Agressive Schneiderian Papilloma Involving the Temporal Bone**
Michael E. Jones, MD, Phillip A. Wackym, MD, Nasser Said-Al Naief, DDS, Margaret Brandwein, MD, Christopher M. Shaari, MD, Peter M. Som, MD, David Y. Zhang, MD, PhD, and Wesley A. King, MD

89 **Book Reviews**

91 **Abstracts**

96 **Activities and Announcements**

MARCH 1998

97 **Craniofacial Resection for Tumors of the Nasal Cavity and Paranasal Sinuses—A 17-Year Experience**
Valerie J. Lund, MD, David J. Howard, MD, William I. Wei, MD, and Anthony D. Cheesman, MD

106 **Free Composite Myo-osseous Flap with Serratus Anterior and Rib: Indications in Head and Neck Reconstruction**
David Netscher, MD, Eugene L. Alford, MD, Paul Wigoda, MD, and Victor Cohen, MD

113 **9p21 Deletion Correlates with Recurrence in Head and Neck Cancer**
William M. Lydiatt, MD, Bruce J. Davidson, MD, Stimson P. Schantz, MD, Salvatore Caruana, MD, and Raju S.K. Chaganti, PhD

119 **Postoperative Accelerated Radiotherapy in High-Risk Squamous Cell Carcinoma of the Head and Neck: Long-Term Results of a Prospective Trial**
Andy Trotti, MD, Douglas Klotch, MD, James Endicott, MD, Marion Ridley, MD, and Alan Cantor, PhD

124 **Preoperative Electroneurography (ENoG) in Parotid Surgery: Assessment of Facial Nerve Outcome and Involvement by Tumor—A Preliminary Study**
Erez Bendet, MD, Yoav P. Talmi, MD, and Jona Kronenberg, MD

132 **Planned Postradiotherapy Neck Dissection in Patients with Advanced Head and Neck Cancer**
Timothy S. Boyd, MD, Paul M. Harari, MD, Scott P. Tannehill, MD, Marta C. Voytovich, MD, Gregory K. Hartig, MD, Charles N. Ford, MD, Robert L. Foote, MD, Bruce H. Campbell, MD, and Christopher J. Schultz, MD

138 **Can We Detect or Predict the Presence of Occult Nodal Metastases in Patients with Squamous Carcinoma of the Oral Tongue?**
Robert M. Byers, MD, Adel K. El-Naggar, MD, Ya-Yen Lee, MD, Basharah Rao, MD, Bruno Fornage, MD, Nicholas H.A. Terry, PhD, Dory Sample, RN, Patti Hankins, RN, Terry L. Smith, MS, and Patricia J. Wolf

145 **Genomic Alterations Associatied with Malignancy in Head and Neck Cancer**
Ulrike Bockmühl, MD, Günter Wolf, MD, Sven Schmidt, Anke Schwendel, PhD, Volker Jahnke, MD, Manfred Dietel, MD, and Iver Petersen, MD

152 **Well-Differentiated Thyroid Carcinomas: p53 Mutation Status and Microvessel Density**
John D. Goldenberg, MD, Louis G. Portugal, MD, Barry L. Wenig, MD, Karen Ferrer, MD, James C. Wu, MD, and Jaishiri Sabnani, BS

159 **Evaluation of Pretreatment Computed Tomography as a Predictor of Local Control in T1/T2 Pyriform Sinus Carcinoma Treated with Definitive Radiotherapy**
Frank A. Pameijer, MD, Anthony A. Mancuso, MD, William M. Mendenhall, MD, James T. Parsons, MD, Suresh K. Mukherji, MD, Robert Hermans, MD, and Paul S. Kubilis, MS

169 **Internal Jugular Vein Thrombosis Following Modified Neck Dissection: Implications for Head and Neck Flap Reconstruction**
Dale H. Brown, FRCSC, Steve Mulholland, FRCSC, John H.J. Yoo, MD, Patrick J. Gullane, FRCSC, Jonathan C. Irish, FRCSC, Peter Neligan, FRCSC, and Anne Keller, FRCPC

CASE REPORT

175 **Benign Keratotic Squamous Epithelial Neoplasm of the Palate: A Unique Lesion**
Albert M. Manganaro, DDS, MS, Michael J. Will, DDS, MD, Melville D. Bradley, MD, Steven Peckham, MD, Jan Faulk-Eggleston, DDS, and Melton Fish, DO

179 **Letters to the Editor**

180 **Abstracts**

185 **Book Reviews**

187 **Activities and Announcements**

MAY 1998

189 **Implications of Cartilage Invasion in Surgically Treated Laryngeal Carcinoma**
Johannes J. Fagan, MMed, Frank D'Amico, PhD, Robin L. Wagner, BS, Jonas T. Johnson, MD

193 **Studies of the Anatomy and Pathology of the Orbit in Carcinoma of the Maxillary Sinus and Their Impact on Preservation of the Eye in Maxillectomy**
Rammohan Tiwari, MD, MS, PhD, FRCS, FACS, Jacqueline van der Wal, PhD, Isaac van der Waal, DDS, PhD, Gordon Snow, MD, PhD

197 **Verrucous Carcinoma of the Larynx: A Review of 53 Patients**
Laura J. Orvidas, MD, Kerry D. Olsen, MD, Jean E. Lewis, MD, Vera J. Suman, PhD

204 **Parotid Gland Tumors: Histologic Reevaluation and Reclassification of 478 Cases**
Jacqueline E. van der Wal, DDS, PhD, Hein Leverstein, MD, Gordon B. Snow, MD, PhD, Henk A. Kraaijenhagen, DDS, PhD, Isaac van der Waal, DDS, PhD

208 **PET Scanning in Head and Neck Oncology: A Review**
W. Frederick McGuirt, MD, Kathryn Greven, MD, Dan Williams, III, MD, John W. Keyes, Jr, MD, Nat Watson, MD, James O. Cappellari, MD, Kim R. Geisinger, MD

216 **Surgical Outcomes in Head and Neck Cancer Patients 80 Years of Age and Older**
Gary L. Clayman, DDS, MD, Susan A. Eicher, MD, Michael W. Sicard, MD, Ebrahim Razmpa, MD, Helmuth Goepfert, MD

224 **Prognostic Significance of c-erbB-2 Oncoprotein Expression in Intestinal-Type Adenocarcinoma of the Sinonasal Tract**
Oreste Gallo, MD, Alessandro Franchi MD, Isabelle Fini-Storchi, MD, Gennaro Cilento, MD, Vieri Boddi, MD, Simone Boccuzzi, MD, Carmelo Urso, MD

232 **Tumor DNA Content as a Prognostic Indicator in Squamous Cell Carcinoma of the Oral Cavity and Tongue Base**
Pilar Rubio Bueno, MD, PhD, Luis Naval Gias, MD, PhD, Rosa García Delgado, BSc, PhD, Javier Domingo Cebollada, MD, Francisco J. Díaz González, MD, PhD

240 **Current Status of Pharyngolaryngo-Esophagectomy and Pharyngogastric Anastomosis**
William Ignace Wei, FRCSE, Lai Kun Lam, FRACS, Po Wing Yuen, FRCSE, John Wong, FRACS

245 **Cervical Lymphadenitis Caused by Nontuberculous Mycobacteria in Immunocompetent Children: Clinical and Therapeutic Experience**
Giuseppe Losurdo, MD, Elio Castagnola, MD, Emilio Cristina, MD, Loredana Tasso, MD, Paoloa Toma, MD, Piero Buffa, MD, Raffaella Giacchino, MD

BASIC SCIENCE REVIEW

250 **Human Papillomavirus and Head and Neck Cancer: Epidemiology and Molecular Biology**
Rosemary G. McKaig, MPH, Ralph S. Baric, PhD, Andrew F. Olshan, PhD

CASE REPORT

266 **The Difficult Airway: Cardiopulmonary Bypass—The Ultimate Solution**
Michael J. Belmont, MD, Mark K. Wax, MD, Fructosa N. DeSouza, MD

270 **Letter to the Editor**

271 **Abstracts**

279 Book Reviews

282 Activities and Announcements

JULY 1998

283 **New Combined Treatment of Surgery, Radiotherapy, and Reconstruction in Head and Neck Rhabdomyosarcoma in Children: The Amore Protocol**
Paul F. Schouwenburg, MD, PhD, David Kupperman, MD, Frans P. Bakker, MD, Leo E. C. M. Blank, MD, Hans D. de Boer, MD, and Tom A. Voûte, MD, PhD

293 **Surgery of Thyroid Cancer in Children and Adolescents**
Karl Segal, MD, Jacob Shvero, MD, Yoram Stern, MD, Sarah Mechlis, MD, and Raphael Feinmesser, MD

298 **Sublethal Damage Repair Capacity in Carcinoma Cell Lines with p53 Mutations**
Kirsi Pekkola-Heino, MD, Kristina Servomaa, PhD, Anne Kiuru, MSc, and Reidar Grenman, MD

304 **Endothelial Constitutive Nitric Oxide Synthase (ecNOS) Localization in Normal and Neoplastic Salivary Tissue**
Brandon G. Bentz, MD, G. Kenneth Haines, III, MD, David G. Hanson, MD, and James A. Radosevich, PhD

310 **Sensate Osteocutaneous Fibula Flap: Anatomic Study of the Innervation Pattern of the Skin Flap**
Leonie A. E. Woerdeman, MD, Bryan J. Chaplin, MD, Francisca M. M. Griffioen, MD, PhD, and Kurt E. Bos, MD, PhD

315 **Obliteration of the Frontal Sinus Cavity with Bioactive Glass**
Matti Peltola, MD, DDS, Jouko Suonpää, MD, Kalle Aitasalo, MD, DDS, Matti Varpula, MD, Antti Yli-Urpo, DDS, and Risto-Pekka Happonen, DDS

320 **Differential Expression of Epidermal Growth Factor Receptor in Human Head and Neck Cancers**
Li Dao Ke, PhD, Karen Adler-Storthz, PhD, Gary L. Clayman, DDS, MD, Alfred W. K. Yung, MD, and Zhuo Chen, PhD

328 **Delayed Regional Metastasis from Midfacial Squamous Carcinomas**
James L. Netterville, MD, Robert J. Sinard, MD, Grady Lee Bryant, Jr, MD, and Brian B. Burkey, MD

BASIC SCIENCE REVIEW

334 **Arachidonic Acid Metabolism: A Primer for Head and Neck Surgeons**
Frank G. Ondrey, MD, PhD

CASE REPORT

350 **Spontaneous Cervical Hemorrhage with Near-Complete Airway Obstruction**
Kenley W. Chin, MD, Joel A. Sercarz, MD, Marilene B. Wang, MD, and Robert Andrews, MD

354 **Abstracts**

359 **Book Reviews**

361 **Errata**

362 **Activities and Announcements**

AUGUST 1998

363 **Squamous Cell Carcinoma of the Tongue in Young Patients: A Matched-Pair Analysis**
Paul L. Friedlander, MD, Stimson P. Schantz, MD, Ashok R. Shaha, MD, Gopei Yu, PhD, and Jatin P. Shah, MD

369 **Carcinoma of the Skin Metastatic to the Parotid Area Lymph Nodes**
John O. delCharco, MD, William M. Mendenhall, MD, James T. Parsons, MD, Scott P. Stringer, MD, Nicholas J. Cassisi, DDS, MD, and Nancy P. Mendenhall, MD

374 **Carotid Body Tumors in Inhabitants of Altitudes Higher Than 2000 Meters Above Sea Level**
Sergio Rodríguez-Cuevas, MD, Juan López-Garza, MD, and Sonia Labastida-Almendaro

379 **Results of Accelerated Radiotherapy for Supraglottic Carcinoma: A Massachusetts General Hospital and Massachusetts Eye and Ear Infirmary Experience**
Bruce M. Nakfoor, MD, Ira J. Spiro, PhD, MD, C. C. Wang, MD, Patricia Martins, BS, William Montgomery, MD, and Richard Fabian, MD

385 **Phase II Study of N-Phosphonacetyl-L-Aspartate, Recombinant Interferon-Alpha, and Fluorouracil Infusion in Advanced Squamous Cell Carcinoma of the Head and Neck**
Corey J. Langer, MD, David Schaebler, MD, Edward Sauter, MD, Deborah DeMaria, RN, Cheryl Johnson, MD, Denise M. Reilly, Joseph Clark, MD, John Leighton, MD, Carolyn Aks, MD, Samuel Litwin, PhD, and John A. Ridge, MD, PhD

392 **DNA Ploidy, Proliferative Activities, and Immunophenotype of Malignant Lymphoma: Application of Flow Cytometry**
Arata Horii, MD, Jun-ichi Yoshida, MD, Kenji Hattori, MD, Yuichiro Honjo, MD, Kenji Mitani, MD, Shodayu Takashima, MD, Masahide Sakai, Shigeru Okamoto, MD, and Takeshi Kubo, MD

399 **Risk Factors for Malignancy in Adult Tonsils**
Mark M. Beaty, MD, Gerry F. Funk, MD, Lucy Hynds Karnell, MS, Scott M. Graham, MD, Timothy M. McCulloch, MD, Henry T. Hoffman, MD, and Robert A. Robinson, MD

404 **Loss of Heterozygosity on Chromosome 2q: Possibly a Poor Prognostic Factor in Head and Neck Cancer**
David T. Ransom, FRACP, Timothy C. Barnett, BSc (Hons), Joan Bot, BSc, Bastiaan de Boer, FRCPA, Cecily Metcalf, J. Andrew Davidson, and Gavin R. Turbett, PhD

411 **A Modified Protocol for Early Treatment of Osteomyelitis and Osteoradionecrosis of the Mandible**
Kalle Aitasalo, MD, DDS, Juha Niinikoshi, MD, Reidar Grénman, MD, and Erkki Virolainen, MD

CONTROVERSY

418 **Recurrent Respiratory Papillomatosis**
Craig S. Derkay, MD, Frank L. Rimell, MD, and Jerome W. Thompson, MD

CASE REPORTS

425 **Ventriculosaccular Lymphoepithelioma of the Larynx: Case Report and Literature Review**
Waldemar Narożny, MD, Andrzej Betlejewski, MD, Czesław Stankiewicz, MD, and Maciej Kamiński, MD

430 **Squamous Cell Carcinoma of the Tongue Associated with Cinnamon Gum Use: A Case Report**
William H. Westra, MD, J. Scott McMurray, MD, Joseph Califano, MD, Paul W. Flint, MD, and Russel L. Corio, DDS, MS

434 **Letter to the Editor**

435 **Book Reviews**

437 **Abstracts**

Fifth Research Workshop on the Biology, Prevention, and Treatment of Head and Neck Cancer

441 **Introduction**
Stimson P. Schantz, MD, and Bettie M. Steinberg, PhD

444 **Abstracts**

487 **Activities and Announcements**

SEPTEMBER 1998

489 **Chemotherapy as a Part of Each Treatment Fraction in a Twice-A-Day Hyperfractionated Schedule: A New Chemoradiotherapy Approach for Advanced Head and Neck Cancer**
Jose L. de Serdio, MD, PhD, Alfonso Villar, MD, PhD, Jose C. Martinez, MD, Maria D. Perez, MD, Jose J. Martin, MD, Claudio Fuentes, MD, Jose Gil-Curbelo, MD, Ruth Hernandez, MD, Marcos Suñer, MD, Manuel Espiñeira, MD, Juan J. Artazkoz, MD, PhD, and Juan A. Saavedra, MD

497 **A Prospective Phase II Trial of Concomitant Chemotherapy and Radiotherapy with Delayed Accelerated Fractionation in Unresectable Tumors of the Head and Neck**
Louis B. Harrison, MD, Adam Raben, MD, David G. Pfister, MD, Michael Zelefsky, MD, Elliot Strong, MD, Jatin P. Shah, MD, Ronald H. Spiro, MD, Ashok Shaha, MD, Dennis H. Kraus, MD, Stimson P. Schantz, MD, Elise Carper, RN, Barbara Bodansky, RN, Carol White, and George Bosl, MD

504 **Supracricoid Partial Laryngectomies: Oncologic and Functional Results**
Marco de Vincentiis, MD, Antonio Minni, MD, Andrea Gallo, MD, and Antonio Di Nardo, MD

510 **Silent Gastroesophageal Reflux Disease in Patients with Pharyngolaryngeal Cancer: Further Results**
Bernard Biacabe, MD, Lyon L. Gleich, MD, Ollivier Laccourreye, MD, Dana M. Hartl, MD, Michel Bouchoucha, MD, and Daniel Brasnu, MD

515 **Squamous Cell Granulomas of the Neck: Histologic Regression of Metastatic Squamous Cell Carcinoma Following Chemotherapy and/or Radiotherapy**
William H. Westra, MD, Arlene A. Forastiere, MD, David W. Eisele, MD, and Ding-Jen Lee, MD, PhD

522 **Characterizing the Antigenic Profile of the Human Trachea: Implications for Tracheal Transplantation**
Christopher M. Shaari, MD, David Farber, MD, Margaret S. Brandwein, MD, Patrick Gannon, PhD, and Mark L. Urken, MD

528 **Green Tea Regulates Cell Cycle Progression in Oral Leukoplakia**
Avi Khafif, MD, Stimson P. Schantz, MD, Mouwafak Al-Rawi, MD, David Edelstein, MD, and Peter G. Sacks, PhD

535 **Reoperative Parathyroidectomy in the Era of Localization Technology**
Lorne Rotstein, MD, FRCS(C), John Irish, MD, MSc, FRCS(C), Patrick Gullane, MD, FRCS(C), FACS, M. Anne Keller, MD, FRCPC, Kenneth Sniderman, MD, FRCPC

540 **Malnutrition and Food Intake in Relation to Quality of Life in Head and Neck Cancer Patients**
Eva Hammerlid, MD, PhD, Brita Wirblad, RD, Carina Sandin, RN, Claes Mercke, MD, PhD, Staffan Edström, MD, PhD, Stein Kaasa, PD, PhD, Marianne Sullivan, PhD, and Thomas Westin, MD, PhD

549 **Differentiated Thyroid Cancer in Children and Adolescents: Clinical Outcome and Mortality after Long-Term Follow-Up**
Rena Vassilopoulou-Sellin, MD, Helmuth Goepfert, MD, Beverly Raney, MD, and Pamela N. Schultz, RN

BASIC SCIENCE REVIEW

556 **Fluorescence Spectroscopy: A Technique with Potential to Improve the Early Detection of Aerodigestive Tract Neoplasia**
Ann Gillenwater, MD, Rhonda Jacob, DDS, MS, and Rebecca Richards-Kortum, PhD

CASE REPORTS

563 **Epithelioid Leiomyosarcoma of the Larynx**
Raj Sindwani, BSc, MD, T. Wayne Matthews, FRCS(C), Jane Thomas, FRCP(C), and Varagur M. Venkatesan, FRCP(C)

568 **Tracheal Chondrosarcoma: A Case Report**
Michael L. Farrell, MD, Jack L. Gluckman, MD, and Paul Biddinger, MD

573 **Book Reviews**

575 **Abstracts**

582 **Activities and Announcements**

OCTOBER 1998

583 **Parathyroidectomy via Bilateral Cervical Exploration: A Retrospective Review of 866 Cases**
Rick A. Low, MD, and Alfred D. Katz, MD

588 **Precisely Defining High-Risk Operable Head and Neck Tumors Based on RTOG #85-03 and #88-24: Targets for Postoperative Radiochemotherapy?**
Jay S. Cooper, MD, Thomas F. Pajak, PhD, Arlene Forastiere, MD, John Jacobs, MD, Karen K. Fu, MD, Kian K. Ang, MD, George E. Laramore, PhD, MD, and Muhyi Al-Sarraf, MD

595 **Neo-Adjuvant Chemotherapy and Supracricoid Partial Laryngectomy with Cricohyoidopexy for Advanced Endolaryngeal Carcinoma Classified as T3-T4: 5-Year Oncologic Results**
Ollivier Laccourreye, MD, Daniel Brasnu, MD, Bernard Biacabe, MD, Stéphane Hans, MD, Serap Seckin, MD, and Gregory Weinstein, MD

600 **Health States Following Head and Neck Cancer Treatment: Patient, Health-Care Professional, and Public Perspectives**
Vishram Jalukar, MD, Gerry F. Funk, MD, Alan J. Christensen, PhD, Lucy H. Karnell, MA, and Patricia J. Moran, MA

609 **Radiotherapy in the Management of Chemodectomas of the Carotid Body and Glomus Vagale**
Laurie J. Evenson, MD, William M. Mendenhall, MD, James T. Parsons, MD, and Nicholas J. Cassisi, DDS, MD

614 **Role of Chest CT Scanning in the Management of Patients Presenting with Head and Neck Cancer**
D. J. Houghton, FRCS, MSc, M. L. Hughes, FRCS, C. Garvey, FRCR, N. J. P. Beasley, FRCS, J. W. Hamilton, FRCS, I. Gerlinger, MD, and A. S. Jones, MD

619 **High Incidence of Gastropharyngeal and Gastroesophageal Reflux after Total Laryngectomy**
Conrad F. Smit, MD, Joep Tan, MD, PhD, Lisbeth M. H. Mathus-Vliegen, MD, PhD, Pieter P. Devriese, MD, PhD, Marc Brandsen, BSc, Wilko Grolman, MD, Paul F. Schouwenburg, MD, PhD

623 **Complications of the Myocutaneous Platysma Flap in Intraoral Reconstruction**
Hendrik P. Verschuur, MD, PhD, Olivier Dassonville, MD, José Santini, MD, PhD, Jacques Vallicioni, MD, Gilles Poissonnet, MD, Yves Laudoyer, MD, and François Demard, MD

630 **Partial Laryngectomy as Salvage Surgery for Radiation Failures in T1-T2 Laryngeal Cancer**
Sergio Rodríguez-Cuevas, MD, Sonia Labastida, MD, Domingo Gonzalez, MD, Nicolas Briseño, MD, and Hector Cortes, MD

634 **Focal Adhesion Kinase Expression in Oral Cancers**
Lori J. Kornberg, PhD

640 **Expression of bcl-2-, p53, and Ki-67 and Outcome of Patients with Primary Nasopharyngeal Carcinomas Following DNA-Damaging Treatment**
Muneyuki Masuda, MD, Atushi Shinokuma, MD, Naoya Hirakawa, MD, Torahiko Nakashima, MD, and Sohtaro Komiyama, MD

CASE REPORTS

645 **Nodular Fasciitis in the Parotid Region of a Child**
Michele M. Carr, DDS, MD, Robert B. Fraser, MD, and Kevin D. Clarke, MD

649 **Primary Malignant Teratoma of the Thyroid Gland: Report and Discussion of Two Cases**
Naoto T. Ueno, MD, Robert J. Amato, DO, Jae J. Ro, MD, and Randal S. Weber, MD

654 **Ameloblastic Carcinoma of the Mandible**
Eric J. Simko, MD, Robert B. Brannon, DDS, MSD, and David E. Eibling, MD

660 **Letters to the Editor**

662 **Book Review**

663 **Activities and Announcements**

DECEMBER 1998

665 **Editorial: State of the Journal and a Note of Appreciation**
Randal S. Weber, MD

668 **Long Term Results of Primary Radiotherapy With/Without Neck Dissection for Squamous Cell Cancer of the Base of Tongue**
Louis B. Harrison, MD, Henry J. Lee, MD, PhD, David G. Pfister, MD, Dennis H. Kraus, MD, Carol White, Adam Raben, MD, Michael J. Zelefsky, MD, Elliot W. Strong, MD, and Jatin P. Shah, MD

674 **Postoperative Radiation for Squamous Cell Carcinoma Metastatic to Cervical Lymph Nodes from an Unknown Primary Site: Outcomes and Patterns of Failure**
Philip J. Colletier, MD, Adam S. Garden, MD, William H. Morrison, MD, Helmuth Goepfert, MD, Fady Geara, MD, PhD, and K. Kian Ang, MD, PhD

682 **Patterns of Metastases to the Upper Jugular Lymph Nodes (The "Submuscular Recess")**
Yoav P. Talmi, MD, Henry T. Hoffman, MD, MS, Zeev Horowitz, MD, Timothy M. McCulloch, MD, Gerry F. Funk, MD, Scott M. Graham, MD, Michael Peleg, DMD, Ran Yahalom, DMD, Shlomo Teicher, DMD, and Jona Kronenberg, MD

687 **Varying Impact of Common Carotid Artery Digital Compression and Internal Carotid Artery Balloon Test Occlusion on Cerebral Hemodynamics**
Angelika Sorteberg, MD, Wilhelm Sorteberg, MD, PhD, Søren Jacob Bakke, MD, Karl-Fredrik Lindegaard, MD, PhD, Morten Boysen, MD, PhD, and Helge Nornes, MD, PhD

695 **Suspensory Ligament of Berry: Its Relationship to Recurrent Laryngeal Nerve and Anatomic Examination of 24 Autopsies**
Shunichi Sasou, MD, Shin-ichi Nakamura, MD, and Hideo Kurihara, MD

699 **Multivariate Survival Analysis of 128 Cases of Oral Cavity Minor Salivary Gland Carcinomas**
Márcio A. Lopes, DDS, PhD, Gilda C. Santos, MD, PhD, and Luiz P. Kowalski, MD, PhD

707 **Repair of Laryngeal Fractures Using Adaptation Plates**
Anna M. Pou, MD, David L. Shoemaker, MD, Ricardo L. Carrau, MD, Carl H. Snyderman, MD, and David E. Eibling, MD

714 **Carcinoma of the Hypopharynx: Analysis of Incidence and Survival in Sweden Over a 30-Year Period**
Peter C. G. Wahlberg, MD, PhD, K. E. Harald Andersson, PhD, Anders T. Biörkiund, MD, PhD, and Torgil R. Möller, MD, PhD

720 **Structural Mobility in Deglutition After Single Modality Treatment of Head and Neck Carcinomas with Radiotherapy**
Katherine A. Kendall, MD, Susan W. McKenzie, MS, Rebecca J. Leonard, PhD, and Chris Jones, MD

726 **Identification of Sialyl Lewis-X in Squamous Cell Carcinoma of the Head and Neck**
R. William Farmer, MD, William J. Richtsmeier, MD, PhD, and Richard L. Scher, MD

732 **Nasopharyngeal Swab and PCR for the Screening of Nasopharyngeal Carcinoma in the Endemic Area: A Good Supplement to the Serologic Screening**
Tzung-Shiahn Sheen, MD, Jenq-Yuh Ko, MD, Yen-Liang Chang, MD, Yuan-Shau Chang, MS, Yu-Tzu Huang, MS, Yao Chang, MS, Ching-Hwa Tsai, PhD, and Mow-Ming Hsu, MD

739 **Diagnostic Evaluation of Squamous Cell Carcinoma Metastatic to Cervical Lymph Nodes From an Unknown Head and Neck Primary Site**
William M. Mendenhall, MD, Anthony A. Mancuso, MD, James T. Parsons, MD, Scott P. Stringer, MD, and Nicholas J. Cassisi, DDS, MD

BASIC SCIENCE REVIEW

745 **Focal Adhesion Kinase and Its Potential Involvement in Tumor Invasion and Metastasis**
Lori J. Kornberg, PhD

CASE REPORTS

753 **Dopamine-Secreting Glomus Vagale: A Case Report and Histopathologic Correlation**
Roger J. Levin, MD, Nicholas J. Hamill, MD, Ronald T. Grenko, MD, May Y. Huang, MD, and Fred G. Fedok, MD

758 **Sialadenosis: A Presenting Sign in Bulimia**
Hedley Coleman, MDent, Mario Altini, MDent, Simon Nayler, FFPath(SA), and Alan Richards, FCS(SA)

763 **Book Review**

764 **Abstracts**

768 **Activities and Announcements**

769 **Indexes to Volume 20**